

Independent Detection and Filtering of Undesirable Packets

ABSTRACT OF THE DISCLOSURE

5 A server, using a deterministic function, a secret value and persistent
information of a packet, destined for a client device, generates and includes a
conversation identifier for inclusion with the packet. The client device in turn
includes the conversation identifier in a subsequent packet sent by the client device
destined for the server. An intermediate routing device having knowledge of the
10 deterministic function and the secret value, upon receiving the packet en-route from
the client device to the server, would independently determine whether the packet is
a part of a conversation between the client and the server, by independently
verifying the included conversation identifier, and forward or not forward the packet
accordingly. As result, undesirable packets may be independently detected and
15 filtered for the server.